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**From:** Wanko, Jeffrey - OSHA [Wanko.Jeffrey@dol.gov]  
**Sent:** 8/31/2017 12:34:49 PM  
**To:** Belke, Jim [Belke.Jim@epa.gov]  
**Subject:** RE: Arkema in Crosby TX Explodes

Thank you

That helps us search our inspection history.

j

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**From:** Belke, Jim [mailto:Belke.Jim@epa.gov]  
**Sent:** Thursday, August 31, 2017 8:33 AM  
**To:** Wanko, Jeffrey - OSHA; Jennings, Kim; Long, Lisa - OSHA; Lay, Jim - OSHA  
**Cc:** Franklin, Kathy; Gioffre, Patricia  
**Subject:** RE: Arkema in Crosby TX Explodes

Hi Jeff,

Arkema appears to have acquired it around 2004 (their initial RMP was submitted in late 2004, to notify EPA of the ownership change). It was not a greenfield site – previously owned by Elf Atochem and ATOFINA, both of whom had previously submitted RMPs for the same location. It had been there for at least 20 years prior to Arkema acquiring it.

Jim

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**From:** Wanko, Jeffrey - OSHA [mailto:Wanko.Jeffrey@dol.gov]  
**Sent:** Thursday, August 31, 2017 8:22 AM  
**To:** Jennings, Kim <Jennings.Kim@epa.gov>; Lisa Long <long.lisa@dol.gov>; Jim Lay <lay.jim@dol.gov>  
**Cc:** Belke, Jim <Belke.Jim@epa.gov>; Franklin, Kathy <Franklin.Kathy@epa.gov>; Gioffre, Patricia <Gioffre.Patricia@epa.gov>  
**Subject:** RE: Arkema in Crosby TX Explodes

You are awesome, Kim. Thank you. This is very helpful.

Do you know from your RMP submittals how long Arkema has owned the site? Arkema is a relatively new player on the chemical scene, having formed in 2006 from Total and Elf-Atochem and others, I guess. Was this an Arkema greenfield site, or did they take it over?

BTW, who is your new data person now that Peter has retired?

Thanks  
Jeff

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**From:** Jennings, Kim [mailto:Jennings.Kim@epa.gov]  
**Sent:** Thursday, August 31, 2017 8:15 AM  
**To:** Long, Lisa - OSHA; Lay, Jim - OSHA; Wanko, Jeffrey - OSHA  
**Cc:** Belke, Jim; Franklin, Kathy; Gioffre, Patricia  
**Subject:** FW: Arkema in Crosby TX Explodes

Hi all,

Since we discussed this yesterday during the EO call, I wanted to pass along recent information about the Arkema facility and the recent explosion.

Thanks,  
Kim

Kim Jennings  
Division Director || Regulations Implementation Division  
U.S. Environmental Protection Agency || Office of Emergency Management  
E-mail: [jennings.kim@epa.gov](mailto:jennings.kim@epa.gov) || Desk: (202) 564-7998 ||

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**From:** Belke, Jim  
**Sent:** Thursday, August 31, 2017 8:04 AM  
**To:** Jennings, Kim <[Jennings.Kim@epa.gov](mailto:Jennings.Kim@epa.gov)>; Irizarry, Gilberto <[Irizarry.Gilberto@epa.gov](mailto:Irizarry.Gilberto@epa.gov)>  
**Cc:** Gioffre, Patricia <[Gioffre.Patricia@epa.gov](mailto:Gioffre.Patricia@epa.gov)>; Oh, Peter <[Oh.Peter@epa.gov](mailto:Oh.Peter@epa.gov)>; Woodyard, Josh <[Woodyard.Joshua@epa.gov](mailto:Woodyard.Joshua@epa.gov)>; Cheatham, Reggie <[cheatham.reggie@epa.gov](mailto:cheatham.reggie@epa.gov)>; Clark, Becki <[Clark.Beki@epa.gov](mailto:Clark.Beki@epa.gov)>; Franklin, Kathy <[Franklin.Kathy@epa.gov](mailto:Franklin.Kathy@epa.gov)>  
**Subject:** RE: Arkema in Crosby TX Explodes

Non-OCA RMP for Arkema is attached. They have two RMP-regulated substances: sulfur dioxide (toxic) and 2-methylpropene (flammable). The organic peroxides they manufacture (which are what exploded) are not regulated under RMP, but I believe some of them (e.g., cumene hydroperoxide) are regulated under the OSHA PSM standard.

Jim

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**From:** Jennings, Kim  
**Sent:** Thursday, August 31, 2017 6:50 AM  
**To:** Irizarry, Gilberto <[Irizarry.Gilberto@epa.gov](mailto:Irizarry.Gilberto@epa.gov)>  
**Cc:** Gioffre, Patricia <[Gioffre.Patricia@epa.gov](mailto:Gioffre.Patricia@epa.gov)>; Belke, Jim <[Belke.Jim@epa.gov](mailto:Belke.Jim@epa.gov)>; Oh, Peter <[Oh.Peter@epa.gov](mailto:Oh.Peter@epa.gov)>; Woodyard, Josh <[Woodyard.Joshua@epa.gov](mailto:Woodyard.Joshua@epa.gov)>; Cheatham, Reggie <[cheatham.reggie@epa.gov](mailto:cheatham.reggie@epa.gov)>; Clark, Becki <[Clark.Beki@epa.gov](mailto:Clark.Beki@epa.gov)>; Franklin, Kathy <[Franklin.Kathy@epa.gov](mailto:Franklin.Kathy@epa.gov)>  
**Subject:** Re: Arkema in Crosby TX Explodes

Thanks Tito,

We are available to assist. As I understand from reading about this facility yesterday, the facility owner/operator was aware of the possibility of an explosion, and had evacuated their employees and was monitoring it from a remote site. Also it is in a fairly remote area as I recall.  
me

Let us know what you need. Also adding in Kathy.

Thanks,  
Kim

On Aug 31, 2017, at 5:34 AM, Irizarry, Gilberto <[Irizarry.Gilberto@epa.gov](mailto:Irizarry.Gilberto@epa.gov)> wrote:

RID:

See below. We will likely need your assistance questions and information that is likely to come up relative to this plant. The HQ will reach out.

Thanks,

Gilberto "Tito" Irizarry  
Director, Preparedness & Response Ops Division  
Office of Emergency Management (OEM)  
USEPA  
O: 202-564-7982

**Ex. 6 Personal Privacy (PP)**

Sent from my iPhone, please excuse typos.

Begin forwarded message:

**From:** "Fife, Greg" <[fife.greg@epa.gov](mailto:fife.greg@epa.gov)>  
**Date:** August 31, 2017 at 4:49:59 AM EDT  
**To:** R6 Response Notify <[R6\\_Response\\_Notify@epa.gov](mailto:R6_Response_Notify@epa.gov)>  
**Subject:** Arkema in Crosby TX Explodes

The National Response Center has received a call from Arkema reporting that the facility in Crosby, TX did explode. NRC report attached.

NATIONAL RESPONSE CENTER 1-800-424-8802  
\*\*\*GOVERNMENT USE ONLY\*\*\*GOVERNMENT USE ONLY\*\*\*  
Information released to a third party shall comply with any  
applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 1188881

INCIDENT DESCRIPTION

\*Report taken by: CIV BRANDON WEATHERLY at 04:19 on 31-AUG-17

Incident Type: FIXED  
Incident Cause: EXPLOSION  
Affected Area:

Incident was discovered on 31-AUG-17 at 02:45 local incident time.

Affected Medium: AIR /ATMOSPHERE

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REPORTING PARTY

Name: DARYL ROBERTS

Organization: ARKEMA

Address: 900 FIRST AVE.

KING OF PRUSSIA, PA  
19406  
[daryl.roberts@arkema.com](mailto:daryl.roberts@arkema.com)

Email Address:

PRIMARY Phone: (251) 6047114  
Type of Organization: PRIVATE ENTERPRISE

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SUSPECTED RESPONSIBLE PARTY

Name: N/A  
Organization: ARKEMA

KING OF PRUSSIA, PA 19406

Type of Organization: PRIVATE ENTERPRISE

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INCIDENT LOCATION

1800 CROSBY EAST GATE RD. County: HARRIS  
City: CROSBY State: TX Zip: 77532

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RELEASED MATERIAL(S)

CHRIS Code: UNK Official Material Name: UNKNOWN MATERIAL  
Also Known As: UNKNOWN CHEMICALS

Qty Released: 0 UNKNOWN AMOUNT Qty in Water: 0 UNKNOWN AMOUNT

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DESCRIPTION OF INCIDENT

THE RP IS REPORTING A RELEASE OF UNKNOWN CHEMICALS DUE TO A CHEMICAL MANUFACTURING FACILITY EXPLOSION. RP STATED THAT THE EXPLOSION IS BEING LINK POWER OUTAGE AT THE FACILITY AND THE MATERIALS BEING STORED IN THE FACILITY (M NOTABLY PEROXIDE). RP STATED THAT THERE WAS A PREVIOUS MANDATORY EVACUATION THE LOCAL FIRE CHIEF OF 1.5 MILES. RP STATED THAT THE PLANT WAS ALSO PREVIOUSLY EVACUATED. NO REPORTED INJURIES AT THIS TIME. CURRENTLY THE ONLY BELIEVED ENVIRONMENTAL IMPACT IS ATMOSPHERE WITH THE CHEMICALS BEING BURNED C THE EXPLOSION.

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INCIDENT  
DETAILS

Package: NO  
Building ID:  
Type of Fixed Object: CHEMICAL FACILITY  
Power Generating Facility: NO

Generating Capacity:  
Type of Fuel:  
NPDES:  
NPDES Compliance: UNKNOWN

## IMPACT

Fire Involved: YES	Fire Extinguished: NO			
INJURIES:	NO	Hospitalized:	Empl/Crew:	
FATALITIES:	NO	Empl/Crew:	Passenger:	
EVACUATIONS:	YES	Who Evacuated:	EVERYONE	Radius/Area:
Damages:	NO			

Hou

<u>Closure Type</u>	<u>Description of Closure</u>	<u>Closed</u>

Air: N

Road:

Waterway: N

Track: N

Passengers Transferred: NO  
Environmental Impact: UNKNOWN  
Media Interest: UNKNOWN Community Impact due to Material:

## REMEDIAL ACTIONS

RP STATED THAT THERE ARE LOCAL FIRE DEPARMENTS ON SCENE RESPONDING.

Release Secured: UNKNOWN  
Release Rate:  
Estimated Release Duration:

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WEATHER

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ADDITIONAL AGENCIES NOTIFIED

Federal:

State/Local:

State/Local On Scene: FD

State Agency Number:

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NOTIFICATIONS BY NRC

CENTERS FOR DISEASE CONTROL (GRASP)

31- 04:33 (770) 4887100  
AUG-  
17

CGIS HOUSTON (SPECIAL AGENT CGIS)

31- 04:33 (409) 6827808  
AUG-  
17

CHEM SAFETY AND HAZARD INVEST BOARD (CSB AUTOMATIC NOTIFICATIONS)

31- 04:33 (202) 3780334  
AUG-  
17

DHS DEFENSE THREAT REDUCTION AGENCY (CHEMICAL AND BIOLOGICAL TECHNOLOGIES DEPARTMENT)

31- 04:33 (703) 7673477  
AUG-  
17

DHS TEXAS FUSION CENTER (INTELLIGENCE OFFICERS)

31- 04:33 (202) 3068204  
AUG-  
17

DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)

31- 04:33 (202) 3661863  
AUG-  
17

U.S. EPA VI (MAIN OFFICE)

31- 04:35 (866) 3727745 OSC FIFE  
AUG-  
17

FBI STRATEGIC INFO OPERATIONS CNTR (MAIN OFFICE)

(202) 3233300

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA RESPONSE WATCH CENTER)

31- 04:33 (800) 6347084

AUG-

17

USCG NATIONAL COMMAND CENTER (MAIN OFFICE)

31- 04:33 (202) 3722100

AUG-

17

HOUSTON POLICE DEPARTMENT (CRIMINAL INTELLIGENCE DIVISION)

31- 04:33 (713) 3088700

AUG-

17

HOUSTON REGIONAL INTEL SERVICE (FUSION CENTER)

31- 04:33 (713) 8844710

AUG-

17

JFO-LA (COMMAND CENTER)

31- 04:33 (225) 3366513

AUG-

17

NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)

31- 04:33 (202) 2829201

AUG-

17

NOAA RPTS FOR TX (MAIN OFFICE)

31- 04:33 (206) 5264911

AUG-

17

NATIONAL RESPONSE CENTER HQ (MAIN OFFICE)

31- 04:33

AUG-

17

NATIONAL RESPONSE CENTER HQ (AUTOMATIC REPORTS)

31- 04:33 (202) 2671136

AUG-

17

NTSB PIPELINE (MAIN OFFICE)

31- 04:33 (202) 3146293

AUG-

17

HOMELAND SEC COORDINATION CENTER (MAIN OFFICE)

31- 04:33 (202) 2828300

AUG-

17

OCCUPATIONAL SAFETY & HEALTH ADMIN (DALLAS OFFICE)

31- 04:33 (801) 9180995

AUG-

17

PORT OF HOUSTON AUTH POLICE DEPT (POLICE DEPARTMENT)

31- 04:33 (713) 6703611

AUG-

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PORT OF HOUSTON AUTH POLICE DEPT (HSEES DIRECTOR)

31- 04:33 (713) 6702642

AUG-

17

PIPELINE & HAZMAT SAFETY ADMIN (OFFICE OF PIPELINE SAFETY (AUTO))

31- 04:33 (202) 3660568

AUG-

17

PIPELINE & HAZMAT SAFETY ADMIN (OFFICE OF PIPELINE SAFETY WEEKDAYS (VERBAL))

(202) 3661863

REPORTING PARTY (RP SUBMITTER)

31- 04:33

AUG-

17

RAILROAD COMMISSION OF TEXAS (PIPELINE SAFETY)

31- 04:33 (512) 4630503

AUG-

17

SAN ANTONIO POLICE DEPT (SOUTHWEST FUSION CENTER (SWFC))

31- 04:33 (210) 2077680

AUG-

17

SECTOR HOUSTON-GALVESTON (COMMAND CENTER)

(281) 4644855

TCEQ (MAIN OFFICE)

31- 04:33 (800) 8328224

AUG-

17

TCEQ (REGION 12)

31- 04:33 (512) 2392507

AUG-

17

DEPT OF ENERGY STPR (STRATEGIC PETROLEUM RESERVE-EMERGENCY MGMT)

31- 04:33 (504) 7344113

AUG-

17

TEXAS FUSION CENTER (COUNTER TERRORISM)

31- 04:33 (866) 7865972

AUG-

17

TX GENERAL LAND OFFICE (TXGLO REGION 2)

31- 04:33 (281) 4706597

AUG-

17

TEXAS STATE OPERATIONS CENTER (COMMAND CENTER)

31- 04:33 (512) 4242208

AUG-

17

USCG DISTRICT 8 (MAIN OFFICE)



31- 04:33 (504)5896225  
AUG-  
17  
USCG DISTRICT 8 (PLANNING)  
31- 04:33 (504)6712080  
AUG-  
17  
U.S. FISH AND WILDLIFE (REGION 2 SPILL RESPONSE COORDINATOR)  
31- 04:33 (505)2486652  
AUG-  
17

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ADDITIONAL INFORMATION

\*\*RP WILL NOTIFY DHS, USCG, TCEQ, AND HARRIS COUNTY NEXT.

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\*\*\* END INCIDENT REPORT #

1188881 \*\*\*

Report any problems by calling 1-800-424-8802  
PLEASE VISIT OUR WEB SITE AT <http://www.nrc.uscg.mil>

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<NRC 1188881.pdf>